

INTERFERENCE + EAST Search History K.G.

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|----------------------------------|--------------------------------|------------------|---------|------------------|
| L1 | 188 | robert near armstrong | US-PGPUB; USPAT; DERWENT | OR | ON | 2006/04/26 16:39 |
| L2 | 4 | 1 and fractal\$ and microcavity | US-PGPUB; USPAT; DERWENT | OR | ON | 2006/04/26 16:44 |
| L3 | 29 | robert near armstrong | EPO; JPO | OR | ON | 2006/04/26 16:39 |
| L4 | 1 | 3 and fractal\$ and microcavity | EPO; JPO | OR | ON | 2006/04/26 16:46 |
| L5 | 9 | vladimir near shalaev | EPO; JPO | OR | ON | 2006/04/26 16:44 |
| L6 | 17 | vladimir near shalaev | US-PGPUB; USPAT; DERWENT | OR | ON | 2006/04/26 16:44 |
| L7 | 6 | 6 and fractal\$ and microcavity | US-PGPUB; USPAT; DERWENT | OR | ON | 2006/04/26 16:45 |
| L8 | 299 | harold near smith | US-PGPUB; USPAT; DERWENT | OR | ON | 2006/04/26 16:46 |
| L9 | 3 | 8 and fractal\$ and microcavity | US-PGPUB; USPAT; DERWENT | OR | ON | 2006/04/26 16:45 |
| L10 | 38 | harold near smith | EPO; JPO | OR | ON | 2006/04/26 16:46 |
| L11 | 1 | 10 and fractal\$ and microcavity | EPO; JPO | OR | ON | 2006/04/26 16:46 |
| L12 | 2 | andrey near sarychev | EPO; JPO | OR | ON | 2006/04/26 16:46 |
| L13 | 6 | andrey near sarychev | US-PGPUB; USPAT; DERWENT | OR | ON | 2006/04/26 16:47 |
| L14 | 8 | charles near ying | US-PGPUB; USPAT; DERWENT | OR | ON | 2006/04/26 16:48 |
| L15 | 1 | charles near ying | EPO; JPO | OR | ON | 2006/04/26 16:48 |
| L16 | 633 | (356/301).CCLS. | US-PGPUB; USPAT; DERWENT | OR | OFF | 2006/04/26 16:48 |
| L17 | 11 | 16 and fractal | US-PGPUB; USPAT; DERWENT | OR | ON | 2006/04/26 16:49 |
| L18 | 9 | 16 and microcavity | US-PGPUB; USPAT; DERWENT | OR | ON | 2006/04/26 16:50 |
| L19 | 8455 | (356/300-334,402-425).CCLS. | US-PGPUB; USPAT; DERWENT | OR | OFF | 2006/04/26 16:50 |

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|-----|-------|--|--------------------------------|----|----|------------------|
| L20 | 6 | 19 and fractal and (microcavity micro near cavity) | US-PGPUB; USPAT; DERWENT | OR | ON | 2006/04/26 16:51 |
| L21 | 25 | fractal and (microcavity micro near cavity) | US-PGPUB; USPAT; DERWENT | OR | ON | 2006/04/26 16:53 |
| L22 | 12710 | 21 nit 20 | US-PGPUB; USPAT; DERWENT | OR | ON | 2006/04/26 16:51 |
| L23 | 19 | 21 not 20 | US-PGPUB; USPAT; DERWENT | OR | ON | 2006/04/26 16:51 |
| L24 | 4 | (fractal and (microcavity micro near cavity)).clm. | US-PGPUB | OR | ON | 2006/04/26 16:53 |



fractal microcavity

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Lowthreshold Lasing of a Rhodamine Dye Solution Embedded with Nanoparticle **Fractal** Aggregates - group of 3 »

HZ Wang, FL Zhao, YJ He, XG Zheng, XG Huang, MM Wu - Optics Letters, 1998 - OSA
... especially large because the dipole interaction in this **fractal** medium is ... nanocrystals form quasi-microcavities, which means that **microcavity**-control emission ...
Cited by 5 - [Web Search](#) - [BL Direct](#)

Phase function simulation in tissue phantoms: a **fractal** approach - group of 5 »

B Gelebart, E Tinet, JM Tualle, S Avrillier - Pure Appl. Opt, 1996 - iop.org
... give some simple rules, based on the knowledge of this **fractal** distribution, which ... reveal, from the whole cell to the tiny organelle **microcavity**, a complicated ...
Cited by 13 - [Web Search](#) - [BL Direct](#)

Dielectric properties of water adsorbed in slitlike micropores of jarosite

S Ozeki - Langmuir, 1989 - pubs.acs.org
... Synthetic jarosite was found to have surfaces of the **fractal** dimeeon 6f ... in NO adsorption on an activated carbon fiber.14 Other examples of a **microcavity** as a ...
Cited by 3 - [Web Search](#)

Physics of Amorphous Semiconductors - group of 5 »

K Morigaki - 1998 - books.google.com
Page 1. Physics of ICnductors I(zuo Morigaki Scientific C ol lege Pre Page 2.
Physics of Amorphous Semiconductors Th j 8 On ø ll ll Page 3. Physics of ...
Cited by 35 - [Web Search](#) - [Library Search](#)

Non-Markovian quantum fluctuations and superradiance near a photonic band edge - group of 7 »

N Vats, S John - Physical Review A, 1998 - APS
... A. Barabasi, **Fractal** Concepts in Surface Growth (Cambridge University Press, New York, 1995); E ... emission from an atom in a high-Q optical **microcavity** @12#, the ...
Cited by 41 - [Web Search](#) - [BL Direct](#)

Chaotic dynamics of mode competition in a vertical-cavity surfaceemitting laser diode under DC ...

DA Richie, T Zhang, KD Choquette, RE Leibenguth, ... - Quantum Electronics, IEEE Journal of, 1994 - ieeexplore.ieee.org
Page 1 2500 IEEE JOURNAL OF QUANTUM ELECTRONICS, VOL. 30, NO. 11, NOVEMBER 1994 0018—91 97194\$04.OO © 1994 IEEE Chaotic Dynamics ...
Cited by 7 - [Web Search](#) - [BL Direct](#)

Statistics of polarization competition in VCSELs - group of 6 »

G Giacomelli, F Marin - Quantum Semiclass. Opt, 1998 - iop.org
... a short (about 1 μm) and relatively wide (about 10 μm) **microcavity**. ... A **fractal** dimension analysis was performed with the Grassberger–Procaccia algorithm [7 ...
Cited by 7 - [Web Search](#) - [BL Direct](#)

Electrical tree initiation - group of 2 »

N Shimizu, C Laurent - Dielectrics and Electrical Insulation, IEEE Transactions on ..., 1998 - ieeexplore.ieee.org
... Due to repetition of chain scission by autoxidation in restricted re- gions, a **microcavity** where PD can take place, is produced as shown in Figure 10 [28]. ...
Cited by 11 - [Web Search](#) - [BL Direct](#)

Nuclear magnetic resonance imaging of morphological changes during electrical treeing in ...

P Blumler, N Paus, G Salge - Conduction and Breakdown in Solid Dielectrics, 1998. ICSD'98 ..., 1998 -

ieeexplore.ieee.org

... each electrical discharge. II) Each discharge creates a **microcavity** as part of a growing electrical tree [3,4,16]. To investigate ...

[Web Search](#)

Dynamic electrochemistry: methodology and application - group of 4 »

JL Anderson, EF Bowden, PG Pickup - Anal. Chem, 1996 - udel.edu

Page 1. Dynamic Electrochemistry: Methodology and Application James L. Anderson*

Department of Chemistry, University of Georgia, Athens, Georgia 30602-2556 ...

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fractal microcavity

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fractal microcavity

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Fractals in Microcavities: Giant Coupled, Multiplicative Enhancement of Optical Responses - group of 6 »

W Kim, VP Safonov, VM Shalaev, RL Armstrong - Physical Review Letters, 1999 - APS
 ... our experiments, lasing at extremely low pump intensities, below 1 mW, and strongly enhanced Raman scattering was observed in **fractal-microcavity**-dye composites ...
 Cited by 13 - [Web Search](#) - [BL Direct](#)

Surface-plasmon-enhanced radiation effects in confined photonic systems - group of 5 »

VA Shubin, W Kim, VP Safonov, AK Sarychev, RL ... - Lightwave Technology, Journal of, 1999 -
 ieeexplore.ieee.org
 ... Our experimental studies of lasing from **microcavity/fractals** composites are discussed in Section IV. ... molecule/**fractal/microcavity** composite is a product of and ...
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Giant coupled, multiplicative enhancement of optical emissions from **fractal aggregate/microcavity** ...

W Kim, VM Shalaev, RL Armstrong, VP Safonov - Quantum Electronics and Laser Science Conference, 1999. ..., 1999 - ieeexplore.ieee.org
 ... QME4 1145 pm Giant coupled, multiplicative enhancement of optical emissions from **fractal aggregate/microcavity** composites W. Kim, VM Shalaev, RL Armstrong, VP ...
[Web Search](#)

Dynamics of the light-induced structural phase transition in confining gallium and associated ... - group of 2 »

V Albanis, S Dhanjal, V Emelyanov, P Petropoulos, ... - Quantum Electronics and Laser Science Conference, 1999. ..., 1999 - ieeexplore.ieee.org
 ... QME4 1145 pm Giant coupled, multiplicative enhancement of optical emissions from **fractal aggregate/microcavity** composites W. Kim, VM Shalaev, RL Armstrong, VP ...
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Coherent control of polaritons in a quantum-well **microcavity**

YS Lee, TB Norris, A Maslov, DS Citrin, J Prineas, ... - Quantum Electronics and Laser Science Conference, 1999. ..., 1999 - ieeexplore.ieee.org
 ... when the silver microparticles in colloidal solution aggregate into **fractal** clusters ...
 10:30 am Coherent control of polaritons in a quantum-well **microcavity** Y.4 ...
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Enhanced polarization nonlinearity of silver **fractal** clusters

VP Drachev, SV Perminov, SG Rautian, VP Safonov - Quantum Electronics and Laser Science Conference, 1999. ..., 1999 - ieeexplore.ieee.org
 ... when the silver microparticles in colloidal solution aggregate into **fractal** clusters ...
 10:30 am Coherent control of polaritons in a quantum-well **microcavity** Y.4 ...
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Lowthreshold Lasing of a Rhodamine Dye Solution Embedded with Nanoparticle **Fractal Aggregates**. - group of 3 »

HZ Wang, FL Zhao, YJ He, XG Zheng, XG Huang, MM Wu - Optics Letters, 1998 - OSA
 ... especially large because the dipole interaction in this **fractal** medium is ... nanocrystals form quasi-microcavities, which means that **microcavity**-control emission ...
 Cited by 5 - [Web Search](#) - [BL Direct](#)

[book] [Nonlinear Optics of Random Media](#)

VM Shalaev - 1999 - books.google.com

... Nonlinear Optics of Random Media **Fractal** Composites and Metal-Dielectric Films ... Nonlinear Optics of Random Media **Fractal** Composites and Metal-Dielectric Films ...

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Coupled-resonator optical waveguide: a proposal and analysis - group of 4 »

A Yariv, Y Xu, RK Lee, A Scherer - Opt. Lett, 1999 - OSA

... individual microcavities represent the high-Q optical modes in each **microcavity**, which have ... opens the way to a hierarchy of self-similar, or **fractal**, resonators ...

Cited by 214 - [Web Search](#) - [BL Direct](#)

The Sublimit Distribution of Small Random Perturbed Dynamic Systems LI Yulin, QIAN

Minping< Abstract ...

ASNU PEKINENSIS - ACTA SCIENTIARUM NATURALIUM UNIVERSITATIS PEKINENSIS, 1999 - 万方数据资源系统

... Fluorescence Image Analysis System and Application on Optical **Microcavity** GUO Chaohua ...

PDF file> (101) Effects of Charge Particles on The **Fractal** Structure HOU ...

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| 1 | INZZ | armstrong-r\$ | unrestricted | 1002 | show titles |
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| 4 | INZZ | shalaev-v\$ | unrestricted | 207 | show titles |
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| 8 | INZZ | 7 AND fractal\$ AND (micro ADJ cavity OR microcavity) | unrestricted | 0 | - |
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| 13 | INZZ | 12 AND fractal\$ AND (micro ADJ cavity OR microcavity) | unrestricted | 0 | - |
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| 15 | INZZ | 14 AND fractal\$ AND (micro ADJ cavity OR microcavity) | unrestricted | 0 | - |
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